

IN THE SPECIFICATION:

Please amend the claims as shown immediately below with all changes (e.g., additions, deletions, modifications) included, pursuant to 37 C.F.R. 1.121(b)(1).

On page 1, lines 1-7, change the paragraphs to read as follows.

~~Descriptive report of the patent of invention named "PROCESS OF SIMULTANEOUS TRANSFER OF MEDIA DATA FILING INFORMATION".~~

PROCESS OF SIMULTANEOUS TRANSFER OF MEDIA DATA FILING INFORMATION

Field of the Invention

This invention refers to the process of parallel transfer of signals of information in data filing surface, aiming an improved performance concerning the speed of transfer of information in the devices using said transfers, such as the HD.

On page 1, lines 8-21, change the paragraph to read as follows.

Background of the Invention

It is known that the signals of information at a hard drive (HD) are disposed in sectors on trails, and its content is aligned sequentially, as well as that the headsets are connected by stems to the same control axle, distributed one to each disk surface, responding for the transfer of signals. Upon the request of transfer of information from a specific sector, the control axle is activated, which moves with all headsets, however only the headset coincident with the face of the disk wherein the trail of the sector is activated, the others remaining deactivated. At the extent in which the set of disks spins, the information moves to the headsets, and upon the coincidence of the sector expected with headset activated, the information is transferred, observing its order in the sector, i.e., the first signal of information is processed, then the second, the third, an so on, on the same trail, until that it completes transfer of all signals of information

on the sector.

On page 1, lines 22-27, change the paragraph to read as follows.

Summary of the Invention

The deficiency in the use of this structural form initially devised, and of the disposal of the signals of information on the disk consists in the inherence of devising only one transfer at each interval of time, restricting the use of the headset to only one, maintaining all others idle during this operation. Therefore, for the processing of 4096 signals, at least 4096 intervals of time will be required.

Considering the idleness and in order to eliminate it, the process of simultaneous transfer object hereof was developed, and it consists in the distribution of the signals of information among the headsets, transferring them to the various disk surfaces, at the same interval of time. A HD with eight headsets processes a group of eight signals in only one interval of time. The number of intervals of time expended is inversely proportional to the number of headsets used for the simultaneous transfer, which means that with this technique, 512 interval of time will be required to process 4096 signals.

On page 1, line 28 to page 2, line 26, change the paragraphs to read as follows.

Brief Description of the Drawings

~~Figures shown:~~ Fig. 1 ~~is a~~ map of data at a sector of the state of technique~~is~~ under an illustrated embodiment of the invention;

Fig. 2 ~~is a~~ map of the physical structure of data ~~in this~~ under an illustrated embodiment of the invention~~is~~; and

Fig. 3 ~~is a~~ simplified device for data distribution under an illustrated embodiment of the invention.

Detailed Description of Illustrated Embodiments of the Invention

The details of this technique consist in devising a new physical structure for data filing, maintaining the logical structure, which allows compatibility with systems using this peripheral. It is known that the integrated drive electronics (IDE) works with the transfer, between it and ~~the~~ a hard drive (HD), in groups of sixteen signals of data at each time. When the HD receives a group of signals of information from the IDE (1) it is processed as shown in FIG. 3 as follows, distributing (7) the first eight signals (2), to the headsets existent (3), leaving the remaining eight signals (4) in standby (5), executes the transfer (6), searches for the following eight standby signals (5) and distributes them (7) to the headsets (3), executes the transfer (6) and repeats this operation for the number of groups of signals that the IDE sends to the HD. It is possible to note that in each transfer, eight signals are processed, then distributed, one signal to each surface, as in figure 2. HD with sixteen headsets, which is the number of data channels of IDE, the transfer is carried out completely, without the need standby functions. It is important to stress that for the transfer of the signals of information of the HD to the IDE, the process is the inverse to that explained herein.